

I. Amendments to the Claims

This listing will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Currently amended): A damper, which comprises a vibration body, a mass member and an elastic body through which the mass member is joined to the vibration body, wherein the elastic body is formed from a cross-linking product of an EPDM composition, which comprises

(a) 100 parts by weight of at least one kind of EPDM, whose propylene content in sum total of ethylene and propylene in the copolymerization rubber is 35-50 wt.% and whose Mooney viscosity (ML100) is 40-110, ~~not less than 40~~,

(b) 5-50 parts by weight of α -olefin oligomer, which is a polymer of α -olefin represented by the following general formula:



, where R is an alkyl group having 6-10 carbon atoms, wherein the oligomer has with a number average molecular weight Mn of 300-1,400, equal to or greater than 300, and

(c) 1-10 parts by weight of an organic peroxide cross-linking agent.

Claim 2 (Currently amended): A damper, which comprises a vibration body, a mass member and an elastic body through which the mass member is joined to the vibration

body, wherein the elastic body is formed from a cross-linking product of an EPDM composition, which comprises a blend rubber of

(a) 100 parts by weight of a blend rubber comprising at least one kind of EPDM and EPM, whose propylene content in sum total of ethylene and propylene in the blend rubber is 35-50 wt.% and whose Mooney viscosity (ML100) is 40-110, ~~not less than 40~~;

(b) 5-50 parts by weight of α -olefin oligomer, which is a polymer of α -olefin represented by the following general formula:



, where R is an alkyl group having 6-10 carbon atoms, wherein the oligomer has with a number average molecular weight Mn of 300-1,400, ~~equal to or greater than 300~~, and

(c) 1-10 parts by weight of an organic peroxide cross-linking agent.

Claim 3 (Previously presented): A damper according to Claim 1, which comprises a hub fixed to a shaft end of a crankshaft, an annular vibration ring provided at a periphery of the hub and the elastic body through which the annular vibration ring is joined to the hub.

Claim 4 (Previously presented): A damper according to Claim 2, which comprises a hub fixed to a shaft end of a crankshaft, an annular vibration ring provided at a periphery of the hub and the elastic body through which the annular vibration ring is joined to the hub.

Claim 5 (Previously presented): A damper according to Claim 1, which is fixed to one shaft end of a crankshaft with a flywheel fixed at the other shaft end of the crankshaft.

Claim 6 (Previously presented): A damper according to Claim 2, which is fixed to one shaft end of a crankshaft with a flywheel fixed at the other shaft end of the crankshaft.

Claims 7-8 (Canceled)

Claim 9 (New): A damper according to Claim 1, wherein the elastic body is formed from a cross-linking product of an EPDM composition, which comprises

(a) 100 parts by weight of at least one kind of EPDM, whose propylene content in sum total of ethylene and propylene in the copolymerization rubber is 46.7-50 wt.% and whose Mooney viscosity (ML100) is 40-110,

(b) 5-10 parts by weight of α -olefin oligomer, which is a polymer of α -olefin represented by the following general formula:



, where R is an alkyl group having 3-12 carbon atoms, wherein the oligomer has with a number average molecular weight M_n of 300-1,400, and

(c) 1-10 parts by weight of an organic peroxide cross-linking agent.

Claim 10 (New): A damper according to Claim 2, wherein the elastic body is formed from a cross-linking produce of an EPDM composition, which comprises

(a) 100 parts by weight of a blend rubber comprising at least one kind of EPDM and EPM, whose propylene content in sum total of ethylene and propylene in the copolymerization rubber is 46.7-50 wt.% and whose Mooney viscosity (ML100) is 40-110,

(b) 5-10 parts by weight of α -olefin oligomer, which is a polymer of α -olefin represented by the following general formula:



, where R is an alkyl group having 3-12 carbon atoms, wherein the oligomer has with a number average molecular weight Mn of 300-1,400, and

(c) 1-10 parts by weight of an organic peroxide cross-linking agent.

Claim 11 (New): A damper according to Claim 1, wherein the elastic body is formed from a cross-linking product of an EPDM composition which comprises

(a) 100 parts by weight of at least one kind of EPDM, whose propylene content in sum total of ethylene and propylene in the copolymerization rubber is 35-43.3 wt.% and whose Mooney viscosity (ML100) is 40-110,

(b) 15-50 parts by weight of α -olefin oligomer, which is a polymer of α -olefin represented by the following general formula:



, where R is an alkyl group having 3-12 carbon atoms, wherein the oligomer has with a number average molecular weight Mn of 300-1,400, and

(c) 1-10 parts by weight of an organic peroxide cross-linking agent.

Claim 12 (New) A damper according to Claim 2, wherein the elastic body is formed from a cross-linking product of an EPDM composition, which comprises

(a) 100 parts by weight of at least one kind of EPDM, whose propylene content in sum total of ethylene and propylene in the copolymerization rubber is 35-43.3 wt.% and whose Mooney viscosity (ML100) is 40-110,

(b) 15-50 parts by weight of α -olefin oligomer, which is a polymer of α -olefin represented by the following general formula:



, where R is an alkyl group having 3-12 carbon atoms, wherein the oligomer has with a number average molecular weight M_n of 300-1,400, and

(c) 1-10 parts by weight of an organic peroxide cross-linking agent.